

**November Meeting**

Friday, November 20

8:00 PM

Bobby McDonald, W6JYT**Delta RF Technologies****Our Savior's Lutheran Church
1035 Carol Lane
Lafayette, CA**

Our speaker will be Bobby McDonald, W6JYT, of Delta RF Technologies, Inc. He will give a presentation on and a demonstration of solid state RF power amplifiers.

Presidential QRM**By Sam Lipson, K06JR**

Well, PACIFICON is over and from my vantage point, it was a great success. As we were told in the ARRL forum, this convention is the only growing convention regionally. This says a great deal about the enthusiasm and activity of hams in our division. Congratulations to Greg, KE6VTA, Vicki, N6KLS and the whole Pacificon team who made this a great show.

Elections come this month for next year's officers. Your nominating committee came up with what I think is a great set of candidates. Open nominations provided no new candidates. The ballot is published in this issue of the Carrier. Please take a moment to vote. Bring this ballot to the meeting or mail it to the Club P.O. box making sure it will arrive there before 5:00 pm on the 20th of November (our next meeting, and the election). All members (including family members) are eligible to vote, so copy the ballot if you need more copies.

December brings our annual holiday party. This year we will be at the Church for a buffet style dinner. The cost of the dinner is being picked up by the Club so there is nothing for you to do EXCEPT to call the social committee and reserve your spot. Look for more news about the dinner in this Carrier.

With the end of daylight savings time, we have less time outside and more time inside. The time is right to start your winter shack projects.

I look forward to seeing you at the meeting and hearing you on the air.
73, Sam

From the Repeater Committee**By Jim Brunk, Chairman**

The budget cycle for next year has begun. The process of planning gives the opportunity to look back and appraise the projects approved for this year.

- We completed the long process of returning the antennas to the tower. With the ending of the 90 day reply period required by NARCC, we are now coordinated on 147.06 MHz. It has been a long time since that windy day.
- The ATV equipment has been repackaged and the system users have bought a new amplifier.
- The radios for the packet nodes were replaced. With the move to the new nationwide 144.39 MHz APRS frequency, more capable radios were needed.
- The necessary interface cards required for linking were bought for the controller.
- A new 220 repeater was purchased and will be installed before the end of the year.
- We are in the process of obtaining cavity filters for the two-meter machine.
- The Mt. Oso ATV link was put on standby until the ATV rebuild was complete.

The committee has proposed some capital expenditures for next year. We have submitted them to the board for inclusion in the 1999 budget. If there are other projects you think are needed, contact a board member. The budget will be discussed at the November board meeting. These are the committee proposed items:

- 10 GHz ATV input. The budget request is \$1000.
- 10 GHz beacon. The budget request is \$2000.
- 6 meter link project. The budget request is \$1600.
- The continuation of the ATV rebuild. The budget request is \$1000.
- A mobile DF facility. The budget request is \$750.
- The Mt. Oso ATV link. The budget request is \$500.
- A voting system with two remote receivers. The budget request is \$7000.

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Mt. Diablo Amateur Radio Club W6CX

P.O. Box 23222
Pleasant Hill, CA 94523
(925) 932-6125

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

All material must be submitted to the editor by the first of day of the month of publication. Material is accepted on a first-in, first-out basis. Articles and other material may be submitted via Internet email to w6uv@home.com (preferred), w6uv@dnai.com, or delivered to the editor at the address listed below. Material will be accepted in plain ASCII, Word for Windows, or WordPerfect format. Material may also be submitted as hardcopy.

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Rocky Ridge Repeater Committee

Chairman

Jim Brunk, N6BHX (925) 372-8248

Technical Manager

Barry Winkler, KC6WYA (925) 427-2121

W6CX Repeaters

147.060/+ (100 PL)

224.780/- (077PL)

441.325/+ (100 PL)

ATV: In 1253.25 Out 427.25 (Cable Channel 58)

Dick Brown Honored by Concord Police Department

By Dick Schulze, AA6DL

At a recent luncheon attended by some 80 city officials and other dignitaries Dick Brown, KT6X, was named volunteer of the year by the Concord Police Department. For several years Dick has been volunteering his time and computer expertise in updating and maintaining police records as well as conducting tours of the new police headquarters and serving on various committees. This is in addition to the many hours he devotes to MDARC activities.

This award is a singular honor as he is only one of some 60 other active and dedicated volunteers. He was presented with an impressive plaque which Dick's proud wife Joanne said will hang in a prominent place in their home.

MDARC is well represented among the police volunteers. In addition to Dick Brown other MDARC volunteers are: Stanford Christian, Jay Caldis, Dennis Fuller, Richard Shappee and Rodney Raines. Stan Christian had received the same award a few years back. Two such awards is a pretty good record for the contingent of MDARC members.

Congratulations to Dick Brown.

Help Wanted

At Pacificon, at the entrance to the Sheraton, there was a van demonstration of a telescoping flagpole, synthetic material, about 30 feet. I wrote down the phone number, which was given as 1-800 999-6347. This was wrong. Does anyone have the right phone number or address of the company which sells this wonderful, easily erected telescoping flagpole?

Help. Desparately yours, W. Moser AB6GI, Tel 925 256-0239, or e mail wjmoser@tpi.net.

Pacific Division Update

By Brad Wyatt, K6WR

FCC States Amateur Enforcement to be Emphasized

Things may be changing for the better on the Amateur Radio enforcement front. The FCC announced late last month that all Amateur Radio-related enforcement investigation, evaluation, and processing has been transferred to the Compliance and Information Bureau. The change, effective September 1 but not announced until more than three weeks later, was made "by internal arrangement" between the CIB and the FCC's Wireless Telecommunications Bureau. The Wireless Bureau handles amateur licensing and, for the past several years, has coordinated enforcement with the CIB.

The FCC said the main objective of the change was to "facilitate the Commission's pursuit of compliance," especially in the area of resolving interference complaints, a hot-button issue within the amateur community.

"Amateur enforcement should have gotten more direct attention over the last few years," conceded Riley Hollingsworth, K4ZDH, the CIB's legal advisor for enforcement. "A lot of people think the FCC doesn't care."

Hollingsworth will be the FCC's point man in handling the complaints. He says FCC Chairman William Kennard "wants greater respect with respect to enforcement" at the FCC. Putting enforcement in the CIB's hands should mean "a much faster, more effective response," he said.

ARRL General Counsel Chris Imlay, W3KD, says he's "cautiously optimistic" that the change will improve the dismal amateur enforcement situation. "Now, CIB doesn't have to just gather evidence and forward it to another bureau," Imlay said. "It can act on it when it is ready. That's a good situation compared to where we were."

The FCC's public notice said the CIB staff now handles Amateur Radio

continued on page 6

Mt. Diablo Amateur Radio Club

Holiday Party

*December 8th at 6:00 pm
Our Savior's Lutheran Church
1035 Carol Lane, Lafayette*

Main Dish

*Complete Ham Dinner
(Turkey on Advance Request)*

*Doors Open at 6pm
Dinner at 7pm*

*Contact George Roush
510-687-0912
Before December 1st*

Please register me for the Holiday Party.

Name _____ Call _____

Number in my party _____ (member and immediate family)

Mail to: George Roush, WB6OFH, 2116 Athene Drive, Concord, CA 94519-2231
or call George (or Bertha) at (510) 687-0912.

MDARC Meeting Minutes

October 9, 1998

The meeting was called to order by President Sam Lipson, KO6JR, at 8:00 pm with 55 members in attendance. New attendees included Ralph Sampson, KF6RXH, and Kenny Jones, KF6SIF, and Nyasha Jones, KF6SIG.

Jim Brunk, N6BHX, noted that the 440 repeater was operating on limited power, and their plan was to have the 2.4 gig ATV input up for Pacifcon. He noted that the RRRG proposed projects were: a 10 gig ATV input, and a 10 gig beacon, a 6m link, a voting system, and

a mobile unit. Members may contact Greg, KE6VTA, with input on items related to the budget.

Jay Caldis, KT6Y, mentioned a source for ATV equipment was northcountry radio.com.

George Roush, WB6OFH, mentioned the December party was free for members and families.

Jeff Hart, KF6EUM, noted public service events, including the Nov. 7 Mt. Diablo run.

John Schulze, KF6MNL, described the evening's prizes.

Bob Williams, N6UTX, noted the coming SET at Moraga/Orinda Fire on November 9.

Sam noted the RACES training session scheduled for Nov. 14.

Greg announced the club's World Radio prize, the MFJ antenna analyzer could be checked out by members from him.

Sam announced the next Board meeting would be Nov. 9. Anyone interested in the budget discussion could attend.

Sam noted the nomination of officers for 1999: President, Greg Estep, KE6VTA, Vice-President, Mike Patterson, KE6JGA, Treasurer, Marie Lewis, KF6GLV, Secretary, Paul Dickey, N6JOX, Directors, John Stuart, KM6QX, Ed Ritchie, K6SFD, and Robert Hampton, KF6FGH. (Continuing Directors not up for election: Keith Lattin,

Look for the
HAM Home Page
on the World Wide Web
<http://www.hamradio.com>

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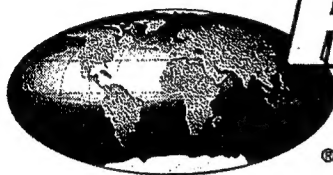
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Doraville, 1 mi. no. of I-285

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N6PMF and Cal Groom, KE6OEH.) A motion was passed that the nominations be closed, thus the above elected.

Sam adjourned the meeting at 8:20 pm for refreshments and information from each committee head about the work of their committee.

Respectfully submitted,
Paul Dickey, N6JOX, Secretary

Board Minutes

October 5, 1998

The meeting was called to order by President Sam Lipson, KO6JR, at 7:33 pm at Emil Villa's Restaurant, Concord. Other officers and directors present: Vice-President Stu Cannon, KE6OFD, Sect'y Paul Dickey, N6JOX, Treasurer Greg Estep, KE6VTA, Emergency Coordinator Robert Hampton, Directors John Stuart, KM6QX, and Ed Ritchie, K6SFD. Committee Chairmen present: RRRG—Jim Brunk, N6BHX and

Howard Burk, KE6PTT, Social—Tracey Schwartz, KE6TOT.

Tracey updated the Board on plans for the holidays party, Tuesday, Dec. 8. The Board's consensus was that no additional dollars would be needed for the party.

Jim led a discussion of RRRG concerns:

- a) the group is still working on the 440 repeater because of the power supply meltdown. The repeater is back up on limited power while the group seeks a replacement.
- b) the group has not received signal reports, therefore they assume all is ok.
- c) they are working on the installation of the 2 meter bottles.
- d) they are still working on the 220 machine.

Greg discussed last minute Pacificon status.

Sam conducted miscellaneous business: The minutes of last month were **approved**. The next meeting would include discussion of next year's budget—

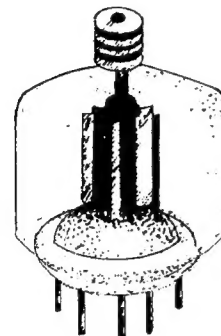
Nov. 9. Greg will discuss the budget, including the RRRG numbers. The membership dues mailing will take place in Nov.

Sam noted that thanks was due to World Radio for the award to the club of an MFJ antenna analyzer.

Ed questioned NARCC coordination—Jim Brunk will attend the next meeting.

Sam adjourned the meeting at 8:45 pm.

Respectfully submitted,
Paul Dickey, N6JOX, Secretary



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Egg Insulators	Ball Mounts	Mic Plugs/Connectors	Radio Handbooks
Dog Bone Insulators	Gutter Mounts	PL-259s, BNC and "N"	Spectrum Charts
Center Insulators	Code Oscillators	Headphones	Operating Manuals

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(510) 685-7388

Mon - Fri, 10:00 - 5:30, Sat: 9:00 - 4:00

In downtown Concord between Willow Pass Road and Concord Blvd.



Mount Diablo Amateur Radio Club

Repeater Operation Rules

The Mount Diablo Amateur Radio Club maintains and operates high-quality, wide-coverage repeaters for the use of all amateur radio operators. Operation and use of these repeaters shall comply fully with the Amateur Radio Service (Part 97) regulations of the Federal Communications Commission's Private Radio Service, and the following rules of the Mount Diablo Amateur Radio Club:

1. The repeaters are provided for the purposes of contacting and passing information between fellow amateur radio operators, and providing service to the public as a voluntary, noncommercial communication service, particularly with respect to providing emergency communications.
2. In the spirit of the Amateur Radio Service, users shall respect and support each other in a courteous and positive manner.
3. Due to the wide coverage of the repeaters and the club's large membership, the length of QSOs should be kept to a minimum. Conversations shall be limited to 10 minutes during commute hours; 6:00-9:00 am and 4:00-7:00 pm. Operators should always pause before transmitting, to allow another station to break in. Please use simplex frequencies or HF bands for "rag-chewing."
4. Operators shall announce their call sign before transmitting any touch-tone commands, at the end of each communication, and every ten minutes or less during a communication.
5. There shall be absolutely no communications containing obscene, indecent, or profane words, language, or meaning. Discussion of political or potentially sensitive social issues shall be avoided.
6. No one shall cause or condone the malicious or intentional interference of anyone's communications on the repeaters.
7. Operators shall not communicate with, or discuss the actions of, anyone who violates these rules.
8. Control Operators are required to turn off a repeater to terminate improper operation or use.
9. The Mount Diablo Amateur Radio Club Board of Directors reserves the right to forbid the use of the repeaters by anyone who repeatedly violates these rules, or anyone who facilitates or encourages others to violate these rules.

Pacific Division Update

continued from page 2

enforcement matters "from initiation to resolution." That includes complaints, amateur testing issues, warnings, monetary penalties, revocation hearings, and "in extreme cases" equipment seizure and prosecution through the Department of Justice.

The Wireless Bureau continues to handle Amateur Radio licensing, including new applications and renewals, as well as all Amateur Radio policy and rulemaking matters. The change is expected to have no impact on the Amateur Auxiliary. Hollingsworth said the change could, in fact, mean that the FCC will work more closely and more effectively with amateur volunteers in dealing with enforcement issues.

Under the new arrangement, all ama-

teur enforcement questions and complaints should be directed to the Compliance and Information Bureau, Compliance Division, Attention: Amateur Complaints, 1919 M St., Mail Stop 1500E1, Washington, DC 20554.

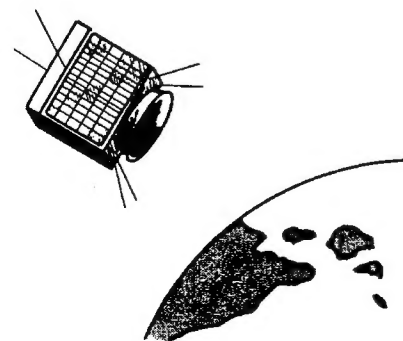
The FCC also has instituted an "Amateur Enforcement Line" at 202-418-1184. The automated system prompts callers to leave a name, a number, and a brief message. The CIB will return the call within the next business day.

Thanks, The ARRL Letter.

PACIFICON '98—A Great Success

The 1998 Pacific Division convention was held at the Sheraton Hotel in Concord CA on the weekend of Oct. 16-18. Thanks to Greg Estep, KE6VTA, and

Vicki Zumwalt, N6KLS, co chairs, and some 125 Mount Diablo ARC members who worked on the convention, it was a great success! See you at Pacificon '99!



NETS

W6CX Nets

APRS Net Tuesdays 1930 Hours
 147.060/+ (100 PL)
 Net Control: Barry, KC6WYA

Phone Net Thursdays 1930 Hours
 147.060/+ (100 PL)
 Net Control: Jay Caldis, KT6Y

ATV Net Thursdays 2000 Hours
 Net Control: Mike Burke, KB6RMT
 Alternate: Sylvia, KC6YJV

Youth Net Thursdays 1900 Hours
 147.060/+ (100 PL)
 Net Control: Jeff Burke, KE6YAW

Contra Costa County Emergency Services HF Net

First Thursday following first Wednesday, 2000 Hours, 3.895 MHz. Net Control: Richard Shappee, WA5HQJ

Sheriff's Amateur Radio Communications Team

Clay Yale, N6YBQ
 707-785-2402

CCRA Net

Mondays 1935 Hours
147.735- 145.49- 145.41- PL: 107.2

CCCC Net Thursdays 1930 Hours
145.11- PL: 82.5

Contra Costa County ARES/RACES Nets

Thursdays, 1900 Hours

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 (925) 432-3220

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 Ed Ritchie*, K6SFD
 (925) 837-3265

West County 145.110/-
 Rich Parker*, KD6JCT
 (510) 237-2777

QSY to 147.735/- (107.2 PL) at 1920 Hours

Meeting of all County ARES/RACES Nets
 Sam Lipson, District Emergency Coordinator, KO6JR
 (925) 229-5705

* Assistant District Emergency Coordinator

W6CX Signal Strength Report Form

The Rocky Ridge Repeater Committee is trying to determine how our new antenna location has affected coverage. We would appreciate it if as many members as possible would fill out and return the attached form. If you operate from multiple locations, with multiple radios or antennas or on multiple MDARC repeaters, please copy the form and submit one for each location, radio, antenna and repeater. Please fill it out as completely as possible, but if there is some information you do not know don't let that stop you from sending it in. The more replies we can get the better we will be able to evaluate our coverage and make plans for improving it.

Please send your replies to Jim Brunk, N6BHX. Mailing address: 514 Palms Drive, Martinez, CA 94553. E-mail: brunk@ix.netcom.com or via the DesignLink BBS. This form is also available on the MDARC Web Page and on the DesignLink BBS.

If you are using a "beam" antenna, be sure it's pointed at the top of Mt. Diablo.

Which repeater? • 147.060 • 224.780 • 441.325

Length and type of coax (if any):
 Type of receiver:

Your location (city and cross streets please):

Received signal strength:

Height of your antenna above ground:

Are you using a preamp? If yes, how many dB gain?

Type of antenna:

Comments? (Please include any pertinent information such as if there is a big hill directly between you and the top of the mountain.)

Gain claimed by antenna mfr.:

CALENDAR OF EVENTS

November 9	7:30 pm	MDARC Board Meeting	Denny's Willow Pass Road, Concord
November 20	8:00 pm	MDARC Meeting	Our Savior's Lutheran Church 1035 Carol Lane, Lafayette
November 28		December <i>Carrier</i> Deadline	
December 6	1:00 pm	Sunnyvale VEC Exams Gene Capener, WW6H, 510-254-5090	Consolidated Fire Training Center 2945 Treat Blvd., Concord 1st Sunday even months

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
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Change In Service Requested



MDARC Meeting November 20

Official Ballot

Mt. Diablo Amateur Radio Club

This is the official ballot of the Mt. Diablo Amateur Radio Club for the 1999 Calendar Year. This ballot may be mailed to:

Nominating Committee, MDARC
P.O. Box 23222
Pleasant Hill, CA 94532

Mailed ballots must be sealed and *postage paid* by the sender. Ballots must be mailed to arrive not later than 5 p.m. November 20, 1998 at the address shown. Ballots received after that date are null and void. Ballots may be cast in person at the General Membership Meeting of the Club held at Our Savior's Lutheran Church, 1035 Carol Lane, Lafayette, California beginning at 8 p.m. November 20. All ballots must be deposited not later than 8:15 p.m. Mailed ballots will be opened in the presence of the Nominating Committee.

Ballots must contain an "X" in the box provided for the person for whom you are voting. Any other mark will render the ballot invalid for all offices *unless the mark is for a write-in candidate*.

Write-in candidates first and last names are required. The name of the candidate must be **printed**. The eligibility of the write-in candidates will be verified following the election by the Nominating Committee. No ineligible candidate may be declared a winner.

Block Vote for all Candidates _____

FOR PRESIDENT	Greg Estep, KE6VTA
(Vote for one)	
FOR VICE PRESIDENT	Mike Patterson, KE6JGA
(Vote for one)	
FOR SECRETARY	Paul Dicky, N6JOX
(Vote for one)	
FOR TREASURER	Marie Lewis, KF6GLV
(Vote for one)	
FOR EMERGENCY COORDINATOR	Robert Hampton, KF6FGH
(Vote for one)	
FOR DIRECTOR - 2 Year Term	John Staurt, KM6QX
(Vote for 2)	Ed Ritchie, K6SFD